A GRECOPETIPTO 10 APR 2006

(REV 1	095) ** (1960) ***		TO THE UNITED STATES	2003JP323				
	1.1	STOLONA TED EL FOTT	TO THE UNITED STATES	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR				
T 1 (DESIGNATED/ELECTE		To Be Assigned 575 238				
DITTE		CONCERNING A FILIN	GUNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
4	· Pi	MNALAPPLICATIONNO. CT/JP2004/013354	September 14, 2004	October 31, 2003				
TITLI	E OF I	VENTION THICK FILM OR I	II TRATHICK FILM RESPONSIVE (CHEMICAL AMPLIFICATION TYPE				
		PHOTOSENSITIVI	E RESIN COMPOSITION					
APPL	ICAN	T(S) FOR DO/EO/US						
To	shimi	ichi MAKII, Yoshinori NISHI	IWAKI, and Kazumichi AKASHI					
Appli	icant h	nerewith submits to the United Stat	es Designated/Elected Office (DO/EO/US) the	e following items and other information:				
1.	\boxtimes	This is a FIRST submission of it	ems concerning a filing under 35 U.S.C. 371.					
2.	-		UENT submission of items concerning a filing	g under 35 U.S.C. 371.				
3.		This is an express request to begi examination until the expiration of	n national examination procedures (35 U.S.C. of the applicable time limit set in 35 U.S.C. 37	371(f)) at any time rather than delay 1(b) and PCT Articles 22 and 39(1).				
4.		A proper Demand for Internation	al Preliminary Examination was made by the	9th month from the earliest claimed priority date.				
5.	\boxtimes	A copy of the International Appli	cation as filed (35 U.S.C. 371 (c) (2))					
		a. is transmitted herewith	required only if not transmitted by the International	ational Bureau).				
		*	the International Bureau.					
l		c. is not required, as the ap	oplication was filed in the United States Recei	ving Office (RO/US).				
6.	\boxtimes	A translation of the International)).					
7.	⊠	A copy of the International Searc						
8.			International Application under PCT Article	•				
			required only if not transmitted by the Interr	national Bureau).				
			y the International Bureau.	to has NOT assisted				
		c. have not been made; ho	wever, the time limit for making such amendn	nents has NOT expired.				
9.			to the claims under PCT Article 19 (35 U.S.C.	371(c)(3))				
10.	⊠	An oath or declaration of the inve		. 371(c)(3)).				
11.			ninary Examination Report (PCT/IPEA/409).					
12.			e International Preliminary Examination Repo	ort under PCT Article 36				
		(35 U.S.C. 371 (c)(5)).						
		3 to 18 below concern document						
13.			ment under 37 CFR 1.97 and 1.98.	W 27 OFR 2 00 - 12 21 1 1 1 1				
14.		•	ording. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.				
15.	\boxtimes	A FIRST preliminary amendmen						
16		A SECOND or SUBSEQUENT	preliminary amendment.					
16. 17.		A substitute specification. A change of power of attorney an	d/or address letter					
18.		Certificate of Mailing by Express		•				
19.	Ø	Other items or information:	E 4 009300133 03					
'			(A)	and the second s				
		Form PCT/IB/301						
		Form PCT/IB/304						
		Form PCT/IB/306 Form PCT/IB/308						
		WO 2005/043247 A1						
i								
1								

IAPZOREC' dPCIATO IU APR 2006

U.S. Ā		NO. (IF KNOWN, SEE 37 CF	R	INTERNATIONALA PCT/JP2					DOCKET NUMBER 3JP323
20.	The fol	lowing fees are submitted:.		 -				CALCULATION	S PTO USE ONLY
BASI		L FEE (37 CFR 1.492 (a)	(1) -	(5)):					- 1.0 002 01121
	Search Repo	rt has been prepared by the	EPO	or JPO		\$840.0	00		
	International	preliminary examination f	ee paid	d to USPTO (37 CFR	1.482)	\$670.00			
	No internation but internation	onal preliminary examination on al search fee paid to USP	on fee TO (3	paid to USPTO (37 Cl 7 CFR 1.445(a)(2))	FR 1.482)	\$760.0	00		
	Neither inter international	national preliminary exami search fee (37 CFR 1.445)	nation (a)(2) j	n fee (37 CFR 1.482) n paid to USPTO	or 	\$970.0	0		
		l preliminary examination for satisfied provisions of PC				\$96.0	0		
		ENTER APPRO	PRI	ATE BASIC FE	E AM	OUNT =		\$0.00	
Surcha month	arge of \$130.0 s from the ear	00 for furnishing the oath or liest claimed priority date	decla (37 CI	ration later than FR 1.492 (e)).	☐ 20) 🗆 3	0	\$0.00	
CL	AIMS	NUMBER FILED		NUMBER EXT	RA	RATI	3		
Total o	claims	20 - 20	=	0		x \$18.0	00	\$0.00	
Indepe	endent claims	1 - 3	=	0		x \$78.0	00	\$0.00	
Multi	ple Dependen	t Claims (check if applicat	ole).					\$0.00	
		TOTAL	OF	ABOVE CALC	ULAT	IONS	=	\$1,000.00	
Reduc must a	tion of 1/2 for also be filed (r filing by small entity, if a Note 37 CFR 1.9, 1.27, 1.2	pplica 8) (ch	ble. Verified Small Er eck if applicable).	ntity State	ement		\$0.00	
				-	SUB'	FOTAL	=	\$1,000.00	
Proces month	sing fee of \$1 s from the ear	30.00 for furnishing the Er liest claimed priority date	nglish (37 CI	translation later than FR 1.492 (f)).	□ 2¢	0 🗆 3	0 +	\$0.00	
				TOTAL NAT	IONAI	FEE	=	\$1,000.00	
Fee fo accom	r recording the	e enclosed assignment (37 appropriate cover sheet (37	CFR 1 CFR	.21(h)). The assignme 3.28, 3.31) (check if a	ent must b applicabl	e).		\$0.00	
				TOTAL FEES	ENCL	OSED	=	\$1,000.00	2
								Amount to be: refunded	\$
								charged	\$
	Please char	the amount of ge my Deposit Account No		to cover the above for 50-3309 in the a		slosed.	0	to cover the abov	ve fees.
	A duplicate	e copy of this sheet is enclo	sed.						
×		issioner is hereby authorize Account No. 50-3309		harge any fees which n A duplicate copy of th			edit an	y overpayment	
NOTE 1.137(E: Where an (a) or (b)) mu	appropriate time limit un st be filed and granted to	der 37 restor	CFR 1.494 or 1.495 te the application to p	has not b ending st	een met, a atus.			
SEND	ALL CORRI	ESPONDENCE TO:			ı		a	lon Place	
	N.D. 144.00					SIGNAT		-	
	N P. KASS LECTRONI	C MATERIALS USA CO	RP.			AT ABI	D 724	86	
	EISTER AV					ALAN	P. KA	55	
SOM	ERVILLE, N	NJ 08876				NAME			
Cust	omer No. 26,2	280				32142			
Cust	UIIIUI 11U. 4/U,4	5 07				REGIST	RATIC	N NUMBER	
						April 10), 2000	5	
						DATE	· · · · · ·		
l									

IAPZO Recidente 10 APR 2006

	IAILING BY "EXPRESS MAKII et al.	MAIL" (37 CFR 1.10)	Docket No. 2003JP323
Serial No.	Filing Date April 10, 2006	Examiner To Be Assigned	Group Art Unit To Be Assigned
	I OR ULTRATHICK FILM R ITIVE RESIN COMPOSITION	ESPONSIVE CHEMICAL AMP	LIFICATION TYPE
•			
·	Transmittal Letter (1 origin the United States Postal Sen	al and 1 copy) - 4 Pages (Identify type of correspondence) vice "Express Mail Post Office to	o Addressee" service under
37 CFR 1.10 in an env	velope addressed to: The Cor	mmissioner of Patents and Trac	demarks, Washington, D.C.
20231-0001 on	April 10, 2006 (Date)		
		MARIA T. SA	
		(Typed or Printed Name of Person)	Mailing Correspondence)
		(Signature of Person Mailing	Correspondence)
		EV 6895601	55 US
		("Express Mail" Mailing	Label Number)
			•
	Note: Each paper must l	nave its own certificate of mailing.	

IAP20 Rec'd PCT/PTO 10 APR 2006

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): To shimichi MAKII et al. Prince and a street of the Assigned invention: THICK FILM OR ULTRATHICK FILM RESPONSIVE CHEMICAL AMPLIFICATION TYPE PHOTOSENSITIVE RESIN COMPOSITION I hereby certify that this Patent Application (Description/Claims/Abstract) - 33 Pages (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C. 20231-0001 on April 10, 2006 (Date) MARIA T. SANCHEZ (Typed or Printed Name of Person Mailing Correspondence) EV 689560155 US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.						
pplicant(s): Toshimichi N	AAKII et al.		2003JP323			
A geogriat No. 7 Q	Filing Date	Examiner	Group Art Unit			
To be Assigned	April 10, 2006	To Be Assigned	To Be Assigned			
vention: THICK FILM	OR ULTRATHICK FILM RE	SPONSIVE CHEMICAL AMPLIE	ICATION TYPE			
PHOTOSENSIT	TIVE RESIN COMPOSITION					
	·					
		•				
I hereby certify that this	Patent Application (Descript)	ion/Claims/Abstract) - 33 Pages				
Thereby certify that this	Latent Application (Descripti					
is being deposited with t	he United States Postal Servi	ice "Express Mail Post Office to A	ddressee" service under			
37 CFR 1.10 in an enve	elope addressed to: The Com	nmissioner of Patents and Traden	narks, Washington, D.C.			
00004 0004						
20231-0001 on						
	()	MADIA T CANO	UF7			
		110-	1.0			
		(Signatuke of Person Mailing Co.	rrespondence)			
		EV 689560155 V	U S			
		("Express Mail" Mailing Labo	el Number)			
	Note: Each paper must ha	ave its own certificate of mailing.				
		April 10, 2006 To Be Assigned To Be Assigned				

IAP20 Rec'd PCT/PTO 10 APR 2006

CERTIFICATE OF MADE Applicant(s): Toshimichi	IAILING BY "EXPRESS I MAKII et al.	MAIL" (37 CFR 1.10)		Docket No. 2003JP323
Serial No.	Filing Date April 10, 2006	Examiner To Be Assigned		Group Art Unit To Be Assigned
	OR ULTRATHICK FILM RE	SPONSIVE CHEMICAL AM	PLIFIC	CATION TYPE
I hereby certify that this	Declaration For Utility Or Details the United States Postal Servi	(Identify type of correspondence)		ressee" service under
Δ	elope addressed to: The Com April 10, 2006 (Date)			
		MARIA T. Se (Typed or Printed Name of Person Mana: Signature of Person Mailin	Mailing	Correspondence)
		EV 689560 ("Express Mail" Mailing		
	Note: Each paper must ha	ve its own certificate of mailing.		

AP20 RecidiCIRIO 10 APR 2006

CERTIFICATE OF M Applicant(s): Toshimichi I	AILING BY "EXPRESS I	MAIL" (37 CFR 1.10)		Docket No. 2003JP323			
Serial No.	Filing Date April 10, 2006	Examiner To Be Assigned		Group Art Unit To Be Assigned			
	OR ULTRATHICK FILM RE	SPONSIVE CHEMICAL AMP	LIFICAT	TION TYPE			
I hereby certify that this is being deposited with	Form PCT/IB/301 for PCT/JI the United States Postal Servi	(Identify type of correspondence)	o Addres	see" service under			
37 CFR 1.10 in an enver	elope addressed to: The Com April 10, 2006	missioner of Patents and Trad	demarks,	Washington, D.C.			
	(Date)	MARIA T. SA (Typed or Printed Name of Person in Maria Signature of Person Mailing EV 6895601 ("Express Mail" Mailing	Mailing Cor g Correspon	dence)			
Note: Each paper must have its own certificate of mailing.							

AP20 Rec'd PCT/PTO 10 APR 2006

CERTIFICATE OF MA pplicant(s): Toshimichi M	AILING BY "EXPRESS AKII et al.	MAIL" (37 CFR 1.10)	Docket No. 2003JP323		
To Be Assigned 3 8	Filing Date April 10, 2006	Examiner To Be Assigned		Group Art Unit To Be Assigned	
	OR ULTRATHICK FILM REIVE RESIN COMPOSITION	ESPONSIVE CHEMICAL AMI	PLIFICA	TION TYPE	
I hereby certify that this	Form PCT/IB/304 for PCT/J	P2004/013354 - 1 Page (Identify type of correspondence)			
		ice "Express Mail Post Office nmissioner of Patents and Tra			
20231-0001 on	April 10, 2006 (Date)			,	
		MARIA T. SA (Typed or Printed Name of Person			
		A lana S. (Signature of Person Mailir	San.	ndende)	
		EV 689560	•		
		("Express Mail" Mailing	Label Nun	nber)	
	Note: Each paper must h	ave its own certificate of mailing.			

IAP20 Rec'd PCT/PTO 10 APR 2006

ERTIFICATE OF Inplicant(s): Toshimich	MAILING BY "EXPRESS ! i MAKII et al.	MAIL" (37 CFR 1.10)	Docket No. 2003JP323
Serial No. 3 8	Filing Date April 10, 2006	Examiner To Be Assigned	Group Art Unit To Be Assigned
	M OR ULTRATHICK FILM RE SITIVE RESIN COMPOSITION	SPONSIVE CHEMICAL AMP	LIFICATION TYPE
·			
I hereby certify that this		(Identify type of correspondence)	
	h the United States Postal Servinovelope addressed to: The Com		
20231-0001 on	April 10, 2006 (Date)		
	<u></u>	MARIA T. SAI (Typed or Printed Name of Person N	
		Allana V.	L. 5
		(Signature of Person Mailing	Correspondence)
		EV 68956015	
		(
	Note: Each paper must ha	ve its own certificate of mailing.	
	·		
		·	

AP20 Rec'd PCT/PTO 10 APR 2006

ERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Docket No. 2003JP323							
Serial No.	Filing Date April 10, 2006	Examiner To Be Assigned	Group Art Unit To Be Assigned				
To a street and the	M OR ULTRATHICK FILM RESITIVE RESIN COMPOSITION	SPONSIVE CHEMICAL AMP	LIFICATION TYPE				
I hereby certify that this is being deposited with	s Form PCT/IB/308 for PCT/JI n the United States Postal Servi	(Identify type of correspondence)	o Addressee" service under				
37 CFR 1.10 in an en	velope addressed to: The Com April 10, 2006 (Date)	missioner of Patents and Trac	demarks, Washington, D.C.				
		MARIA T. SA	NCHEZ				
		(Typed or Printed Name of Person N	Mailing Correspondence)				
		Mana . P.	Sanc &				
		(Signature of Person Mailing					
		EV 68956015					
	Note: Each paper must ha	ve its own certificate of mailing.					

IAP20 RecideCTAPTO 10 APR 2006

		Lone di Contra	V AL	1\ 2000
CERTIFICATE OF M	AAILING BY "EXPRESS I	MAIL" (37 CFR 1.10)		Docket No.
	MAKII et al.	`		2003JP323
			<u> </u>	
Serial No.	Filing Date	Examiner		Group Art Unit
To Be Assigned April 10, 2006		To Be Assigned		To Be Assigned
575338				
ention: THICK FILM	I OR ULTRATHICK FILM RE	SPONSIVE CHEMICAL AM	PLIFIC	CATION TYPE
PHOTOSENSI	ITIVE RESIN COMPOSITION			
I hereby certify that this	WO 2005/043247 A1 - 1 Pag	e (Identify type of correspondence)		
is being deposited with	the United States Postal Servi	ce "Express Mail Post Office	to Add	ressee" service under
27 CED 1 10 in on on	velope addressed to: The Com	missioner of Patents and Tr	adamar	ke Washington D.C.
37 CFR 1.10 III all elly	relope addressed to. The Com	illissioner of Faterits and Tra	auciliai	ks, washington, D.C.
20231-0001 on	April 10, 2006			
	(Date)			
	, ,			_
		MARIA T. SA		
		(Typed or Printed Name of Person	n Mailing	Correspondence)
		1,0,00		
		(Signature of Person Maili	ng Corres	spondence)
	<u></u>	EV 689560		
		("Express Mail" Mailin	g Label N	lumber)
	Note: Each paper must ha	ve its own certificate of mailing.		
		3		

IAPZORACIFULTED 10 APR 2005

			71 1/1 2000	
	MAILING BY "EXPRESS I	MAIL" (37 CFR 1.10)	0	ocket No.
Applicant(s): Toshimich	i MAKII et al.		20	003ЈР323
Serial No.	Filing Date	Examiner		Group Art Unit
To Best estoffed	April 10, 2006	To Be Assigned		To Be Assigned
1975338	April 10, 2000	To De l'assigned		o be rissigned
Invention: THICK FILM	M OR ULTRATHICK FILM RE	SPONSIVE CHEMICAL AM	PLIFICATION	N TYPE
PHOTOSENS	SITIVE RESIN COMPOSITION			
			- <u> </u>	
•				
I hereby certify that this	S International Search Report	(Form PCT/ISA/210) for PCT/ (Identify type of correspondence)	JP2004/01335	4 - 2 Pages
is being deposited with	h the United States Postal Servi		to Addresses	" convice under
is being deposited with	Title Officed States Postal Servi	ice Express Mail Fost Office	to Addressee	service under
37 CFR 1.10 in an en	velope addressed to: The Com	missioner of Patents and Tra	ademarks, Wa	shington, D.C.
20231-0001 on	April 10, 2006			
	(Date)			
		MARIA T. SA (Typed or Printed Name of Person		
		(Typea or Printea Name of Person	Mauing Correspo	onaence)
		Wani S. N.	anel	
		(Signature of Person Mailin	ng Correspondence	e)
	c	EV 689560	155 US	
		("Express Mail" Mailing	g Label Number)	· ·
	Note: Each paper must ha	ave its own certificate of mailing.		
		α.		
		•		